

PROCEEDINGS

OF THE

WASHINGTON ACADEMY OF SCIENCES

VOL. II, PP. 523-537.

DECEMBER 20, 1900.

PAPERS FROM THE HARRIMAN ALASKA
EXPEDITION.

XVIII.

ENTOMOLOGICAL RESULTS (12) :

COLEOPTERA.

BY E. A. SCHWARZ.

THE Coleopterous fauna of Alaska is much better known than that of any of the other orders of insects of that territory, at least so far as the region along the southern and southeastern coasts is concerned, and Count C. G. von Mannerheim, in his often quoted series of papers,¹ enumerates and describes (in conjunction with Professor F. W. Mæklin) not less than 540 species. Subsequently to these early investigations by Russian explorers only a few additional species have been discovered in these regions. In 1894 the late Dr. John Hamilton² published a systematically arranged catalogue of the Coleoptera from Alaska which brings the total number of species to about 580. This includes, however, a small number of imperfectly known or not yet identified species described by the earlier authors. Owing to the large number of species already known from southern Alaska, and also to the difficulty in thoroughly exploring the Coleopterous

¹ Beitrag zur Käfer-fauna der Aleutischen Inseln, der Insel Sitka und Neu-Californiens. Bull. Soc. Imp. Nat. Moscow, vol. 16, 1843. Nachträge zur Käferfauna d. Aleut. Inseln und d. Insel Sitka, I-III, l. c. vol. 19, 1846, vol. 25, 1852; and vol. 26, 1853.

² Catalogue of the Coleoptera of Alaska, with the synonymy and distribution. Trans. Amer. Entom. Soc., vol. 21, 1894, pp. 1-38.

fauna in these boreal regions during the short period of two months, it was not to be expected that very extensive additions to the knowledge of Alaska Coleoptera would be made during the Harriman Alaska Expedition, when usually only one day or only a few hours were spent in collecting at each particular locality. Still the number of species (155) collected by Professor Kincaid under these unfavorable circumstances is surprisingly large and gives great credit to his industry and circumspection.

The bibliography and distribution of the described Alaska Coleoptera has been fully given by Dr. Hamilton, and since his paper (quoted above) is of such recent date and so readily accessible, it has been deemed advisable to give here simply the list of the species collected by the expedition.

Family CARABIDÆ.

Cychrus angusticollis Fischer.

Sitka, June 16, 4 specimens.

Cychrus angusticollis var. **velutinus** Mannerheim.

Sitka, June 16, 1 specimen; Yakutat, June 21, 3 specimens; Kadiak, July 20, 2 specimens; Saldovia, July 21, 3 specimens; Orca, June 27, 1 specimen.

Cychrus marginatus Fischer.

Sitka, June 16, 4 specimens; Kadiak, July 20, 1 specimen; Unalaska (no date). The specimen from Unalaska has the elytral striation more interrupted.

Carabus tædatus race **baccivorus** Fischer.

Kadiak, July 1 and July 20, 3 specimens; Yakutat, June 21, 1 specimen.

Nebria mannerheimii Fischer.

Sitka, June 16, 4 specimens; Muir Inlet, June 9, 13 specimens.

Nebria gregaria Fischer.

Sitka, June 16, 1 specimen; Yakutat, June 21, 1 specimen.

Nebria metallica Fischer.

Muir Inlet, June 9, 6 specimens.

Nebria kincaidi Schwarz sp. nov.

Elongate, apterous, shining, black, elytra metallic cupreous-green, mouth-parts and tarsi piceous, two spots between the eyes red. Head large, smooth, frontal impressions obsolete; antennæ long and slender, reaching beyond the middle of the elytra. Thorax small, wider than long (but much less so than in the allied species), sides moderately rounded in front, strongly sinuately narrowed toward the hind angles which are distinctly acute and slightly prominent posteriorly; lateral margin moderately wide and moderately reflexed; transverse and longitudinal impressions well-marked; along the side margin and within the basal impressions sparsely rugosely punctured. Elytra oblong-oval, humeri entirely obsolete; sides regularly arcuate; at their widest portion distinctly wider than the thorax; transversely and longitudinally more convex than in the allied species; surface rather deeply striate, striæ faintly punctulate, interstices slightly convex, third stria with three dorsal punctures, seventh interstice interrupted by two or three larger punctures. Prosternal process feebly lanceolate, horizontal, with distinct marginal line which is interrupted at the tip. Metepisterna short, about one-fourth longer than their width in front. Abdomen with the rows of ambulatorial setæ double. Length 11 mm.

Described from a single specimen collected at Farragut Bay, June 5, 1899.

Type.—Cat. no. 5258, U. S. National Museum.

On account of the obliteration of the elytral humeri this species belongs to group I of LeConte¹ and is allied to *N. ingens* and *N. ovipennis*, from either of which it is at once distinguished by its narrower and more convex form and the bright metallic color of the elytra.

Leistus ferruginous Mannerheim.

Sitka, June 16, 2 specimens; Yakutat, June 21, 1 specimen.

Bembidium complanulum Mannerheim.

Sitka, June 16, five specimens; Muir Inlet, June 12, 6 specimens; Kukak Bay, July 5, 1 specimen.

Bembidium incertum Mots. (*tetraglyptum* Mannerheim).

Popof Island, July 1, 1 specimen.

Bembidium bimaculatum Kirby.

Muir Inlet, June 12, 1 specimen.

Bembidium mutatum Harold & Gemminger.

Popof Island, July 1, 1 specimen. This is new to the fauna of Alaska. Specimens in the U. S. National Museum are from Mar-

¹Bull. U. S. Geol. and Geogr. Surv., VOL. III, no. 2, p. 474, 1878.

quette, Michigan; Veta Pass, Colorado; Banff, Alberta; New Hampshire (no definite locality), and Gros Ventre River, Wyoming.

Bembidium spectabile Mannerheim.

Sitka, June 16, 1 specimen.

Trechus chalybeus Mannerheim.

Kadiak, July 20, 1 specimen; Yakutat, June 21, 2 specimens; Popof Island, July 8, 1 specimen.

Patrobus septentrionis Dejean.

Kadiak, July 20, 1 specimen.

Patrobus aterrimus Dejean.

Sitka, June 16, 1 specimen.

Pterostichus amethystinus Dejean.

Sitka, June 16, 17 specimens; Yakutat, June 21, 1 specimen; Metlakatla, June 4, 4 specimens.

Pterostichus validus Dejean.

Sitka, June 16, 7 specimens.

Pterostichus castaneus Dejean.

Sitka, June 16, 11 specimens; Juneau, June (no date), 2 specimens; Farragut Bay, June 5, 3 specimens.

Pterostichus luczotii Dejean.

Muir Inlet, June 9, 21 specimens; Sitka, June 16, 2 specimens; Kukak Bay, July 5, 1 specimen; Yakutat, June 21, 2 specimens; Saldovia, July 21, 1 specimen; Popof Island, July 8, 1 specimen.

Pterostichus orinomum Leach.

Berg Bay, June 10, 1 specimen; Kadiak, July 19, 1 specimen; Point Gustavus, June 16, 1 specimen; Yakutat, June 21, 1 specimen.

Pterostichus riparius Dejean.

Yakutat, June 21, 2 specimens.

Pterostichus riparius Dejean var. ?

Muir Inlet, June 9, 1 specimen; possibly a distinct species. (Elytral striæ deeper; color of upper side black.)

Amara (Lirus) eschscholtzii Chaudoir.

Saldovia, July 21, 21 specimens.

Amara hyperborea Dejean.

Popof Island, July 8, 1 specimen.

Amara erratica Sturm.

Sitka, June 16, 1 specimen.

Amara remotestriata Dejean.

Muir Inlet, June 9, 1 specimen.

Calathus ingratus Dejean.

Muir Inlet, June 9, 13 specimens; Popof Island, July 13, 1 specimen; "Alaska Peninsula opposite Shumagin Islands" (C. Palache, collector), 3 specimens.

Platynus erasus LeConte.

Farragut Bay, June 5, 1 specimen (broken).

Bradycellus cognatus Gyllh.

Saldovia, July 21, 7 specimens.

Tachycellus nigrinus Dejean.

Metlakahtla, June 4, 1 specimen.

Family DYTISCIDÆ.

Deronectes griseostriatus DeGeer.

Muir Inlet, June 9, 8 specimens.

Hydroporus signatus Mannerheim.

Muir Inlet, June 12, 1 specimen; Yakutat, June 21, 2 specimens; Popof Island, July 10, 1 specimen.

Hydroporus tristis Paykull.

Virgin Bay, June 26, 2 specimens; Kukak Bay, July 1, 2 specimens.

Hydroporus axillaris Aubé.

Popof Island, July 10, 2 specimens.

Ilybius quadrimaculatus Aubé.

Kukak Bay, July 9, 2 specimens.

Agabus hypomelas Mannerheim.

Saldovia, July 21, 1 specimen; Yakutat, June 21, 8 specimens; Orca, June 25, 1 specimen.

Agabus tristis Aubé.

Yakutat, June 21, 3 specimens; Popof Island, July 15 and 16, 3 specimens. Two from the latter locality have the upper side entirely black save a small spot on the front angles of the thorax.

Agabus semipunctatus Kirby.

Popof Island, July 16, 1 specimen.

Agabus scapularis Mannerheim.

Popof Island, July 5, 9, 10 and 16, 24 specimens.

Agabus lecontei Crotch.

Kukak Bay, July 1, 2 specimens; Popof Island, July 10, 2 specimens.

Rhantus binotatus Harris.

Fox Point, July 2, 1 specimen; Sitka, June 16, 1 specimen. Both specimens are females, and the determination is therefore not quite reliable.

Rhantus bistriatus Bergst.

Popof Island, July 13, 1 specimen. A single female but no doubt belonging to this species. Has not been reported before from Alaska.

Dytiscus dauricus Gebler.

Popof Island, July 11, a single female specimen with sulcate elytra.

Family GYRINIDÆ.

Gyrinus picipes Aubé.

Yakutat, July 21, 5 specimens; Kukak Bay, July 1, 1 specimen.

Family HYDROPHILIDÆ.

Helophorus auricollis Eschscholtz.

Popof Island, July 12, 1 specimen. Hitherto reported only from Unalaska.

Helophorus inquinatus Mannerheim.

Kukak Bay, July 1, 5 specimens.

Cercyon fimbriatus Mannerheim.

Kukak Bay, July 5, 3 specimens (black form).

Cercyon fulvipennis Mannerheim.

Farragut Bay, June 5, 1 specimen.

Cercyon lugubris Paykull.

Sitka, June 16, 1 specimen. This has not been recorded before from Alaska but there is no doubt that *Cybocephalus ? unicolor* Mots., described from the same locality (Bull. Moscou, 1845, vol. iv, p. 364) is to be referred to this cosmopolitan species.

Megasternum posticatum Mannerheim.

Farragut Bay, June 5, 1 specimen; Sitka, June 16, 1 specimen.

Family SILPHIDÆ.**Necrophorus pustulatus** Herschel.

Popof Island, July 15, 2 specimens.

Necrophorus vespilloides Herbst.

Kadiak, July 20, 1 specimen; Kukak Bay, July 1 and 5, 3 specimens.

Agyrtes longulus LeConte.

Sitka, June 16, 1 specimen; hitherto not recorded from Alaska. Known from northern California, Oregon and British Columbia (Masset, Queen Charlotte Island,).

Choleva egena Horn.

Popof Island, July 15, 2 specimens; Sitka, June 16, 1 specimen.

Anisotoma curvata Mannerheim.

Yakutat, June 21, 1 specimen; Saldovia, July 21, 1 specimen.

Agathidium concinnum Mannerheim.

Yakutat, June 21, 1 specimen.

Scydmaenus californicus Motschulsky.

Yakutat, June 21, 1 specimen. Recorded from Sitka and Queen Charlotte Island. The type locality, 'California,' is probably incorrect.

Family STAPHYLINIDÆ.**Homalota picipennis** Mannerheim.

Sitka, June 16, 2 specimens.

Homalota sp.

Yakutat, June 21, 2 specimens.

Homalota graminicola Grav.?

Saldovia, July 21, 1 specimen.

Homalota sp.

Sitka, June 16, 1 specimen.

Homalota sp.

Popof Island, July 10, 1 specimen.

Homalota fucicola Maeklin.

Popof Island, July 15, 1 specimen.

Proc. Wash. Acad. Sci., December 1900.

Calodera sp.

Popof Island, July 7, 1 specimen.

Aleochara sulcicollis Mannerheim.

Saldovia, July 21, 1 specimen.

Bolitochara notata Maeklin.

Yakutat, June 21, 1 specimen.

Amblopusa brevipipes Casey.

Kukak Bay, July 3, 1 specimen; Saldovia, July 21 and 28, 4 specimens.

Diaulota densissima Casey (*insolita* Casey).

Yakutat, June 21, 3 specimens.

Liparocephalus brevipennis Maeklin.

Yakutat, June 21, 2 specimens; Saldovia, July 21, 3 specimens; Virgin Bay, June 26, 1 specimen.

Liparocephalus cordicollis LeConte.

Taku Inlet, June 6, 1 specimen; Yakutat, June 21, 3 specimens.

Quedius capucinus Grav. var. **pediculus** Nord.

Sitka, June 16, 4 specimens; Saldovia, July 21, 1 specimen.

Quedius capucinus Grav. var. **marginalis** Maeklin.

Yakutat, June 21, 1 specimen.

Quedius lævigatus Gyllh. var. **plagiatus** Mannerheim.

Sitka, June 16, 2 specimens.

Creophilus maxillosus Linné.

Kukak Bay, July 1 and 5, 2 specimens.

Hadrotus crassus Mannerheim.

Kukak Bay, July 1, 1 specimen.

Philonthus siegwaldi Mannerheim.

Kukak Bay, July, 1 specimen; Yakutat, June 21, 1 specimen.

Cafius canescens Mannerheim.

Kukak Bay, July 5, 8 specimens; Popof Island, July 8, 10 specimens.

Baptolinus macrocephalus Nordman.

Yakutat, June 21, 11 specimens; Virgin Bay, June 26, 1 specimen; Sitka, June 16, 3 specimens; Farragut Bay, June 5, 2 specimens.

Stenus insularis Casey.

Virgin Bay, June 26, 1 specimen; Yakutat, June 21, 1 specimen; Saldovia, July 21, 1 specimen. Not before recorded from Alaska; originally described from Vancouver Island; occurs also in Oregon and at Lake Tahoe, California.

Stenus umbratilis Casey.

Metlakahtla, June 4, 2 specimens. Not previously recorded from Alaska; described from British Columbia.

Tachinus nigricornis Mannerheim.

Sitka, June 16, 1 ♂ specimen.

Tachinus sp.

Virgin Bay, June 26, 1 specimen. This is a female in poor condition but seems to indicate an undescribed species.

Mycetoporus lepidus Erichson.

Popof Island, July 12, 1 specimen. The specimen is a mere fragment, but if correctly determined, the species is an addition to the fauna of Alaska. It occurs on Lake Superior, in Michigan, in Florida, Colorado, northern California, British Columbia, and Alberta.

Oxytelus fuscipennis Mannerheim.

Popof Island, July 8, 9, 10 and 12, 8 specimens.

Amphichroum testaceum Mannerheim.

Lowe Inlet, June 3, 2 specimens; Metlakahtla, June 4, 1 specimen; Sitka, June 16, 2 specimens; Yakutat, June 21, 1 specimen.

Lathrimæum subcostatum Maeklin.

Yakutat, June 21, 1 specimen.

Olophrum convexum Maeklin.

Popof Island, July 13, 2 specimens.

Omalium foraminosum Maeklin.

Kukak Bay, July 5, 1 specimen.

Anthobium pothos Mannerheim.

Lowe Inlet, June 3, 1 specimen; Metlakahtla, June 4, 1 specimen; Sitka, June 16, 2 specimens; Yakutat, June 21, 4 specimens; Kukak Bay, July 5, 17 specimens.

Orobanus simulator LeConte.

Yakutat, 1 specimen. Not previously reported from Alaska; originally described from Mount Washington, New Hampshire, and

known to occur in the high mountains of Colorado and Utah, and also in Oregon and British Columbia.

***Micrædus austinianus* LeConte.**

Muir Inlet, June 12, 25 specimens. The specimens are identical with typical specimens from Mount Washington, New Hampshire. This is the *Anthophagus laticollis*, var. *b* mentioned by Maeklin.

Family CRYPTOPHAGIDÆ.

***Atomaria vespertina* Maeklin.**

Sitka, June 16, 1 specimen.

Family NITIDULIDÆ.

***Epuræa linearis* Maeklin.**

Sitka, June 16, 18 specimens.

***Epuræa truncatella* Mannerheim.**

Sitka, June 15, 1 ♀ specimen.

***Epuræa planulata* Erichson.**

Sitka, June 16, 2 specimens.

***Epuræa æstiva* Linné.**

Sitka, June 16, 1 specimen; Kukak Bay, July 1, 2 specimens.

***Rhizophagus dimidiatus* Mannerheim.**

Sitka, June 16, 5 specimens; Yakutat, June 21, 1 specimen.

Family DERODONTIDÆ.

***Peltastica tuberculata* Mannerheim.**

Sitka, June 16, 3 specimens.

Family DASCYLLIDÆ.

***Cyphon variabilis* Thunberg.**

Saldovia, July 21, 3 specimens; Kukak Bay, July 1, 1 specimen.

Family ELATERIDÆ.

***Cryptophypnus littoralis* Eschscholtz.**

Kukak Bay, July 1 and 5, 3 specimens.

***Cryptophypnus hyperboreus* Gyllenhal.**

Muir Inlet, June 12, 1 specimen.

***Cryptophypnus nocturnus* Eschscholtz.**

Sitka, June 16, 2 specimens; Saldovia, July 21, 1 specimen.

Hypnoidus musculus Eschscholtz.

Lowe Inlet, June 3, 1 specimen; Virgin Bay, June 26, 1 specimen; Popof Island, July 8 and 12, 2 specimens.

Elater nigrinus Paykull.

Sitka, June 16, 1 specimen.

Megapenthes stigmosus LeConte.

Fox Point, July 29, 3 specimens.

Athous ferruginosus Eschscholtz.

Saldivia, July 21, 4 specimens; Popof Island, July 7, 9, 10 and 13, 11 specimens; Kukak Bay, July 1 and 5, 2 specimens.

Corymbites resplendens Eschscholtz.

Yakutat, June 21, 1 specimen; Kadiak, July 5 and 20, 3 specimens.

Corymbites volitans Eschscholtz.

Sitka, June 16, 11 specimens.

Corymbites umbricola Eschscholtz.

Yakutat, June 21, 3 specimens.

Corymbites caricinus Germar.

Sitka, June 16, 1 specimen; Yakutat, June 21, 5 specimens; Kukak Bay, July 1 and 5, 8 specimens; Popof Island, July 7, 9 and 16, 6 specimens; Fox Point, July 27, 1 specimen.

Corymbites caricinus Germar var. ?

Kukak Bay, July 1 and 5, 7 specimens; Yakutat, June 21, 1 specimen.

Corymbites tarsalis Melsheimer.

Yakutat, June 21, 1 specimen.

Corymbites lobatus Eschscholtz.

Kukak Bay, July 1 and 5, 16 specimens.

Corymbites spectabilis Mannerheim.

Virgin Bay, June 26, 3 specimens; Kadiak, July 5, 1 specimen.

Corymbites sericeus Eschscholtz. ?

Port Clarence (B. E. Fernow), Yakutat, June 21, 1 specimen.

Sericosomus incongruus Lec.

Sitka, June 16, 1 specimen. Not previously reported from Alaska; occurs in New Hampshire (White Mountains), near Lake Superior, in the State of Washington (Tenino), and in Alberta (Banff).

Family BUPRESTIDÆ.

Melanophila appendiculata Fabr.

Fox Point, July 29, 1 specimen.

Family LAMPYRIDÆ.

Eros hamatus Mannerheim.

Yakutat, June 21, 6 specimens.

Eros lætus Mots.

Sitka, June 16. Not previously reported from Alaska; known to occur in Vancouver Island, Oregon, and northern California.

Podabrus scaber LeConte.

Yakutat, June 21, 1 specimen. Not previously recorded from Alaska; known to occur on Vancouver Island, in Oregon, British Columbia (Glacier Station) and on the Wahsatch Mountains of Utah (Alta).

Podabrus piniphilus Eschscholtz.

Lowe Inlet, June 3, 3 specimens; Farragut Bay, June 5, 1 specimen; Metlakahtla, June 6, 1 specimen; Sitka, June 16, 4 specimens; Yakutat, June 21, 2 specimens.

Podabrus sericatus Mannerheim.

Sitka, June 16, 1 specimen.

Silis pallida Mannerheim.

Sitka, June 16, 3 specimens.

Telephorus fraxini Say.

Popof Island, July 8 and 15, 5 specimens.

Telephorus divisus LeConte.

Farragut Bay, June 5, 2 specimens. Not previously known from Alaska; occurs in northern California, Oregon, Washington, Vancouver Island and Queen Charlotte Islands.

Family SCARABÆIDÆ.

Aphodius congregatus Mannerheim.

Virgin Bay, June 26, 1 specimen; Kadiak, July 5, 1 specimen (L. Cole, collector); Popof Island, July 16, 2 specimens; Saldovia, July 21, 1 specimen.

Family SPONDYLIDÆ.

Spondylis upiformis Mannerheim.

Sitka, June 16, 1 specimen.

Family CERAMBYCIDÆ.

Leptalia macilenta Mannerheim.

Popof Island, July 7, 8, 9 and 10, 28 specimens; Kukak Bay, July 1 and 15, 30 specimens; Virgin Bay, June 26, 1 specimen.

Pachyta monticola Randall.

Fox Point, July 29, 2 specimens.

Pachyta liturata Kirby.

Saldovia, July 21, 1 specimen.

Acmaeops pratensis Laich.

Saldovia, July 21, 1 specimen.

Family CHRYSOMELIDÆ.

Donacia femoralis Kirby.

Metlakahtla, June 4, 1 specimen; Sitka, June 16, 1 specimen; Kadiak, July 19, 1 specimen; Popof Island, July 10, 12, 13, 15, 4 specimens.

Syneta carinata Mannerheim.

Sitka, June 16, 8 specimens.

Chrysomela subsulcata Mannerheim.

Popof Island, July 13, 1 specimen. Hitherto recorded only from the Pribilof Islands in Bering Sea.

Family CÆDEMERIDÆ.

Ditylus quadricollis LeConte.

Yakutat, June 21, 1 specimen. Not previously known from Alaska; reported from middle California (Santa Cruz Mountains), Oregon (Astoria), Washington (Easton) and British Columbia (North Bend and Queen Charlotte Islands).

Family MORDELLIDÆ.

Anaspis sericea Mannerheim.

Saldovia, July 21, 2 specimens.

Anaspis rufa Say.

Saldovia, July 21, 1 specimen.

Family ANTHICIDÆ.

Anthicus nigrita Mannerheim.

Saldovia, July 21, 2 specimens.

Family CURCULIONIDÆ.

Sitones tibialis Herbst.

Kukak Bay, July 5, 1 specimen. This circumpolar species has not before been reported from Alaska; but it is common on Vancouver Island, in Washington, Oregon, Utah, Colorado, Canada, Michigan; also recorded from Bering Island.

Trichalophus constrictus LeConte.

Yakutat, June 21, 1 specimen.

Paraplinthus carinatus Bohman.

Sitka, June 16, 1 specimen; Yakutat, June 21, 1 specimen; Virgin Bay, June 26, 1 specimen; Kadiak, July 19, 1 specimen; Saldovia, July 29, 1 specimen.

Paraplinthus scrobiculatus Mannerheim.

Sitka, June 16, 1 specimen; Virgin Bay, June 26, 1 specimen.¹

Dorytomus longulus LeConte.

Popof Island, July 11, 12, 15, 5 specimens; Kukak Bay, July 5, 1 specimen; Saldovia, July 21, 2 specimens.

Dorytomus mannerheimi Gemminger (*vestitus* Mannerheim).

Yakutat, June 21, 6 specimens.

Trachodes ptinoides Germar.

Yakutat, June 21, 5 specimens; Kukak Bay, July 5, 5 specimens; Saldovia, July 21, 1 specimen.

Trachodes quadrituberculatus Mots.

Virgin Bay, June 26, 2 specimens; Yakutat, June 21, 1 specimen.

Orchestes rufipes LeConte.

Kukak Bay, July 5, 12 specimens. Not previously recorded from Alaska, but widely distributed in the northern States from Massachusetts to the Pacific Coast.

Family CALANDRIDÆ.

Rhyncholus brunneus Mannerheim.

Sitka, June 16, 6 specimens.

¹The distribution of this species is but imperfectly understood, but it does not seem to occur in British Columbia or farther south (cf. J. Faust: Notizen ueber Ruesselkæfer, Stett. Ent. Ztg., VOL. LIII, pp. 49, 50, 1892.

Family SCOLYTIDÆ.

Hylurgops rugipennis Mannerheim.

Farragut Bay, June 5, 1 specimen; Sitka, June 16, 3 specimens.

Dendroctonus obesus Mannerheim.

Sitka, June 16, 3 specimens. This is probably specifically different from *D. rufipennis* Kirby and confined to the northwestern region of North America. The precise distribution cannot be given at present.

Pityophthorus nitidulus Mannerheim.

Sitka, June 16, 1 specimen.

Dryocætus autographus Ratzeburg.

Sitka, June 16, 1 specimen; Yakutat, June 21, 10 specimens.

Xyloterus bivittatus Kirby.

Sitka, June 16, 4 specimens.